

Claims

1. Arrangement for the withdrawal of samples from a flow of harvested crop flowing in a conveying channel of a harvesting machine in a direction of flow toward a discharge end of said conveying channel, comprising: said conveying channel being provided with a wall containing an opening through which crop samples may be withdrawn; a guide element being mounted to said conveying channel for movement between a sample withdrawal position in which it frees said opening for permitting a crop sample to move through said opening, and a closed position, wherein said guide element covers said opening so as to prevent crop from moving through said opening.

2. The arrangement, as defined in claim 1, wherein said guide element is mounted for pivoting between said withdrawal and closed positions.

3. The arrangement, as defined in claim 2, wherein said opening is so located relative to said direction of flow of crop and said guide element that said crop runs through said opening in said wall when the guide element is brought into said sample withdrawal position.

4. The arrangement, as defined in claim 2, wherein said guide element is mounted for pivoting about an axis extends at least approximately transverse to said direction of flow of crop.

5. The arrangement, as defined in claim 2, wherein said guide element is mounted for pivoting about an axis located at least approximately in the center of a lengthwise extent of said guide element, as measured along said direction of flow of crop.

6. The arrangement, as defined in claim 2, wherein said region of said guide element extending into the conveying channel is inclined, when in the sample withdrawal position relative to the direction of flow of the harvested crop by one of less than 90° and more than 90°.

7. The arrangement, as defined in claim 2, and further including a drive coupled to said guide element for selectively pivoting said guide element about its pivot axis.

8. The arrangement, as defined in claim 2, wherein said conveying channel is defined by a discharge spout of a forage harvester.